**Common iliac artery**

**Superior gluteal artery**

**Lateral sacral artery**

**Iliolumbar artery**

**posterior**

**Vaginal artery (Female)**

**Uterine artery (Female)**

**Inferior vesical artery (Male)**

**Inferior gluteal artery**

**Internal pudendal artery**

**Middle rectal artery**

**Obturator artery**

**Umbilical artery**

**anterior**

**internal**

**external**

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**Anterior internal Common iliac artery branches**

**Vaginal artery (Female)**

**Uterine artery (Female)**

**Inferior vesical artery (Male)**

**Inferior gluteal artery**

**Internal pudendal artery**

**Middle rectal artery**

**Obturator artery**

**Umbilical artery**

* **Gives origin to the superior vesical artery**
* **Its obliterated part gives the median umbilical ligament**
* **Is the equivalent of the inferior vesical artery in men**
* **It supplies: i. vagina ii. parts of the bladder and rectum**
* **Runs on the pelvic floor**
* **Crosses the ureter superiorly**
* **Ascends in the layers of broad ligament of uterus**
* **Ends by anastomoses with ovarian artery**
* **Artery to the vas deferens**
* **Supplies base of bladder, prostate & seminal vesicle**
* **Large terminal branch of the anterior trunk of the internal iliac artery.**
* **Leaves pelvis through greater sciatic foramen**
* **Enters perineum by passing through lesser sciatic foramen**
* **Enters into pudendal canal with pudendal nerve**
* **Supplies anal canal musculature, skin , muscles of perineum & erectile tissues of the clitoris and the penis.**
* **It supplies the adductor region of the thigh**
* **It supplies: Seminal vesicles, prostate & the rectum**
* **It anastomoses with the superior rectal artery, and the inferior rectal artery.**

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**Superior gluteal artery**

**posterior internal Common iliac artery branches**

**Lateral sacral artery**

**Iliolumbar artery**

* **Largest branch of the internal iliac artery and is the terminal continuation of the posterior trunk**
* **Branches pass into the anterior sacral foramina**
* **Supplies tructures in the vertebral (sacral) canal, and skin and muscle posterior to the sacrum.**
* **Divides into a lumbar branch and an iliac branch**
* **The lumbar branch supplies the psoas, quadratus lumborum muscles.**
* **The iliac branch passes into the iliac fossa to supply muscle and bone.**

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